

PATENT COOPERATION TREATY

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PCT

To:

BAHNG Hae Cheol
KBK & ASSOCIATES
15th Floor Yo Sam Building,
648-23, Yeoksam-dong, Kangnam-gu
Seoul 135-080
Republic of Korea

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

Date of mailing 6 September 2004 (06.09.2004)
(day/month/year)

Applicant's or agent's file reference
AZ04-185WOWW

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/KR 2004/001316

International filing date (day/month/year)
3 June 2004 (03.06.2004)

Priority Date (day/month/year)
5 June 2003 (05.06.2003)

International Patent Classification (IPC) or both national classification and IPC
D06F 37/04; D06F 58/02

Applicant

LG ELECTRONICS INC.

1. This opinion contains indications relating to the following items:

- ☒ Cont. No. I Basis of the opinion
- ☐ Cont. No. II Priority
- ☐ Cont. No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Cont. No. IV Lack of unity of invention
- ☒ Cont. No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Cont. No. VI Certain documents cited
- ☐ Cont. No. VII Certain defects in the international application
- ☒ Cont. No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/ AT
Austrian Patent Office
Dresdner Straße 87, A-1200 Vienna
Facsimile No. +43 / 1 / 534 24 / 535

Authorized officer
HUBER J.
Telephone No. +43 / 1 / 534 24 / 313

Continuation No. I

Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed.

Continuation No. V

Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-28	YES
	Claims ----	NO
Inventive step (IS)	Claims 1-28	YES
	Claims ----	NO
Industrial applicability (IA)	Claims 1-28	YES
	Claims ----	NO

2. Citations and explanations:

The following documents have been cited in the Search Report:

D1: US 5127169 A
D2: US 3399464 A

All cited documents deal with a drum for a washing machine or a dryer, comprising a cylindrical metal body part,

reduced parts at opposite end parts of the body part, each having a diameter smaller than a diameter of the body part, and

bent parts.

However, none of the cited documents display
a folded edge of the reduced part.

Therefore, the subject-matters of claims 1 and 26 to 28 meet the requirement of novelty and involve an inventive step.

Furthermore the subject-matters of claims 2 to 25 concerning advantageous developments of the subject-matter of claim 1 are new and involve an inventive step as well.

Industrial applicability is given.

Continuation No. VIII:

Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

For further processing or national phase processing the following expressions in the following claims should be specified in a way, that they are easy to understand:

claim 4: " wherein the cylindrical body is formed by";

claim 16: "Galvalume GL";

claim 17: "Alstar";

claim 18: "Alcostar";

claim 19: "SFCH";

claim 20: "SGCH";

claim 26 and 27: "having beads formed in a surface for strengthening"; The words "for strengthening" should be cancelled because they describe an effect but not a technical feature and therefore do not contain any inventive substance.
